	Application No.	Applicant(s)
·	09/044,426	CURETON ET AL.
Notice of Allowability	Examiner	Art Unit
<u> </u>	Thomas A. Dixon	3629
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT F of the Office or upon petition by the applicant. See 37 CFR 1.31	6 (OR REMAINS) CLOSED in this ap b) or other appropriate communication RIGHTS. This application is subject to	plication. If not included n will be mailed in due course. THIS
1. \boxtimes This communication is responsive to <u>05/24/04</u> .		
2. ⊠ The allowed claim(s) is/are <u>1-13</u> .		
3. $igotimes$ The drawings filed on <u>19 March 1998</u> are accepted by the	Examiner.	
4. Acknowledgment is made of a claim for foreign priority uses a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 3. Copies of the priority documents have 4. Copies of the priority documents have 5. Copies of the priority documents have 6. Cop	re been received. re been received in Application No recomments have been received in this recomment of this application. Initial Note the attached EXAMINER recomments of the attached EXAMINER recomments be submitted. The state of the sta	national stage application from the complying with the requirements I'S AMENDMENT or NOTICE OF ation is deficient. 948) attached Office action of ags in the front (not the back) of (d). must be submitted. Note the
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO-1449 or PTO/SB/Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Summary Paper No./Mail Da 08), 7. ☐ Examiner's Amendr	te

Application/Control Number: 09/044,426

Art Unit: 3629

DETAILED ACTION

1. The amendment filed 5/24/04 is acceptable.

Allowable Subject Matter

- Claims 1-13 are allowed.
- 3. The following is an examiner's statement of reasons for allowance:

As per claim 1.

The prior art of record, specifically Pratt et al (5,008,821) in view of Barnard (5,119,102) do not disclose or fairly teach:

a database for maintaining information representative of a model of said feedlot and objects contained therein, each said feed delivery computer including a mechanism for viewing at least a portion of said model maintained in said database, each feed delivery computer system also including a vehicle information acquisition mechanism for acquiring vehicle information regarding (i) the position of said feed delivery vehicle relative to a first prespecified coordinate referenced frame, and (ii) the state of operation of said feed delivery vehicle, and (iii) at least one of the position and the state of operation of said feed delivery vehicle represented with said model of said feedlot.

As per claim 12.

The prior art of record, specifically Pratt et al (5,008,821) in view of Barnard (5,119,102) do not disclose or fairly teach:

a feedlot modeling mechanism for maintaining a geometrical database containing a geometrical model of the feedlot and objects contained therein a coordinate acquisition mechanism for acquiring coordinate information specifying the position of the feedlot vehicle relative to a reference coordinate system defined within the feedlot, and

a geometrical database processor for processing information in said geometrical database using said coordinate information in order to update said geometrical model.

As per claim 13.

The prior art of record, specifically Pratt et al (5,008,821) in view of Barnard (5,119,102) do not disclose or fairly teach:

.providing a feedlot vehicle associated with a portable computer system in communication with said feedlot computer network, said portable computer system using real-time virtual reality modeling and coordinate acquisition techniques in order to maintain a 3-D geometrical model of said feedlot and objects therein including said feedlot vehicle, and

navigating said feedlot vehicle while viewing at least a portion of said feedlot model from within said feedlot vehicle.

Art Unit: 3629

The claims that depend from the above allowed claims are allowable for the same reasons.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas A. Dixon whose telephone number is (703) 305-4645. The examiner can normally be reached on Monday - Thursday 6:30 - 4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Weiss can be reached on (703) 308-2702. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Thomas A. Dixon Primary Examiner Art Unit 3629